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U.S.P.T.O.
MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22390 U.S.P.T.O.
10/824197
04/1304

Sir:

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): (1) Daniel YAP (2) Keyvan SAYYAH

NOTE: Patent must be applied for in the name of all
of the actual inventor or inventors.

For: "METHOD AND APPARATUS FOR WAVEFORM GENERATION"

This application is a continuation-in-part (CIP) of International Patent Application Nos. PCT/US02/36849 (filed November 15, 2002) and PCT/US02/36982 (filed November 15, 2002, which are continuation-in-parts (CIP's) and claim the benefit of U.S. Patent Application No. 10/116,829 (filed April 5, 2002), which claims the benefit of U.S. Provisional Patent Application No. 60/332,372 (filed November 15, 2001).

Enclosed are:

1. The Papers Required For Filing Date Under 37 CFR 1.53(b):

46 Pages of specification 1 Page of abstract 30 Pages of claims

20 Sheets of drawings [X] formal [] informal
(Figs. 1, 2A-2B, 3-8, 9A-9B, 10A-10B, 11-15, 15A-15C, 16, 17A-17D, 18A-18C, 19-21)

[X] In addition to the above papers there is also attached

- [X] Postcard
- [] Check for filing fee in the amount of \$
- [X] Unsigned Declaration/Power of Attorney (5 pages)
- [] Power of Attorney by Assignee of Entire Interest (3 pages)
- [] Verified Statement Claiming Small Entity Status--
Small-Business Concern (1 page)
- [] Cross-Reference To Related Application(s)
- [X] Claim to Priority (1 page) with
- [] Certified Copy of Application No.
- [] Information Disclosure Statement (2 pages) and
Form PTO-1449 (modified) (2 pages)
- [] Assignment Cover Sheet (1 page), Assignment document (1 page),
and Check for \$40.00

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an Express Mail envelope with sufficient postage for Express Mailing on this date April 13, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV301025024US addressed to the:

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Suzanne Johnston

(Type or printed name of person mailing paper)

(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein
has the number of the "Express Mail" mailing label
placed thereon prior to mailing. 37 CFR 1.10(b).

BEST AVAILABLE COPY

2. Declaration or oath

Enclosed

original

facsimile

executed by:

inventor(s)

legal representative of inventor(s) 37 CFR 1.42 or 1.43

joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. 37 CFR 1.47.

petition and statement required by 37 CFR 1.47 also attached. See item 7 below for fee.

Not Enclosed

Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all of the above named inventor(s). The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently.

Showing that the filing is authorized. (Not required unless called into question. 37 CFR 1.41(d)).

NOTE: Where the filing is a completion in the U.S. of an international application under 35 U.S.C. 371(c)(4) then the declaration must be filed.

3. Assignment

An assignment of the invention to
(with separate cover sheet and separate check for \$40.00)

4. Certified Copy

A certified copy of Application from which priority is claimed.

NOTE: Must be referred to in oath or declaration. 37 CFR 1.55 and 163.

5. Fee Calculation

CLAIMS	AS FILED		
Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims 179-20=	159 x	\$ 18.00	2862.00
Independent Claims 9-3=	6 x	\$ 86.00	516.00
Multiple Dependent Claim(s), If Any	0 x	\$ 290.00	0

Amendment canceling extra claims enclosed

Amendment deleting multiple dependencies enclosed

Fee for extra claims is not being paid at this time

NOTE: If the fee for extra claims are not paid on filing they must be paid or the claims canceled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency, 37 CFR 1.16(d).

Filing Fee Calculation \$ 4,148.00

6. Small Entity Statement

Verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27.

Filing Fee Calculation (50% of above) \$ _____

NOTE: If a verified statement is filed within 2 months of the date of payment of first fee then the excess fee paid will be refunded on request. Notice of January 20, 1983. 1027 TMOG 114.

7. Fee Payment Being Made At This Time

Not Enclosed

No filing fee is submitted. This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.

NOTE: Where the filing is a completion in the U.S. of an international application the fee must be paid.

Enclosed

filing fee \$ _____

recording assignment \$ _____
(\$40.00; 37 CFR 1.21(h)(i))

petition fee for filing by other than
all the inventors or person on behalf
of the inventor where inventor refused
to sign or cannot be reached.
37 CFR 1.47 and 1.17 (h) \$ _____

Total fees enclosed \$ _____

8. Method of Payment of Fees

check in the amount of \$ _____

charge account No. _____ in the amount of \$ _____
A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for
which purpose the fees are paid. 37 CFR 1.22(b).

9. Authorization to Charge Additional fees

The Commissioner is hereby authorized to charge the following
additional fees which may be required to Account No. _____:

37 CFR 1.16 (filing fees and presentation of extra claims)

37 CFR 1.17 (application processing fees)

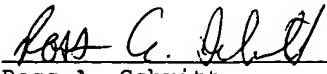
37 CFR 1.18 (issue fee at or before Mailing of Notice of
Allowance, pursuant to 37 CFR 1.311(b))

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of
entitlement to small entity status must be filed in the
application...prior to paying... issue fee".

10. Instructions As To Overpayment

Credit Account No. 12-0415 refund

c/o LADAS & PARRY
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